AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Original) A method of communications in a system, comprising:

storing permission data relating to security for the system;

receiving a request to establish a telephony call;

in response to the request, establishing the telephony call;

after establishing the telephony call, detecting for an indication of a type of the telephony call; and

determining, based on the permission data relating to security for the system, whether the type of the telephony call is permitted.

2. (Original) The method of claim 1, further comprising detecting that the indication indicates a data call.

3. (Original) The method of claim 1, further comprising detecting that the indication indicates a voice call.

4. (Original) The method of claim 1, further comprising detecting that the indication indicates a fax call.

5. (Canceled)

6. (Original) The method of claim 1, wherein detecting for the indication comprises a modem detecting for a tone.

7. (Original) The method of claim 6, wherein the modem detecting for the tone comprises the modem detecting for at least one of an FSK tone, CNG tone, fax answer tone, and a fax training tone.

8. (Original) The method of claim 7, further comprising indicating a voice call in response to the modem not detecting any of the FSK tone, CNG tone, fax answer tone, and fax training tone.

9. (Original) The method of claim 1, further comprising disconnecting the telephony call in response to determining that the telephony call is not permitted.

10. (Original) The method of claim 1, wherein storing the permission data comprises storing the permission data in a memory of the system, wherein the receiving, establishing, detecting and determining are performed by the system.

11. (Original) The method of claim 10, further comprising setting the permission data through a telephony application programming interface.

12. (Original) The method of claim 1, wherein the storing, receiving, establishing, detecting, and determining acts are part of a firewall feature.

13. (Original) A system comprising:
a storage to store permission data relating to security for the system;
an interface to receive a request for a telephony call; and
a control element adapted to:
establish the telephony call in response to the request;
receive an indication of a type of the telephony call during the telephony call; and
determine, based on the indication and the permission data relating to security for the system, whether the type of the telephony call is permitted.

14. (Original) The system of claim 13, wherein the control element is adapted to disconnect the telephony call in response to determining that the type of the telephony call is not permitted.

15. (Currently Amended) The system of claim 13, wherein the indication corresponds to a tone indicative of a data call, fax call, or voice call, wherein the interface comprises a modem adapted to detect the tone, wherein the permission data specifies that at least one of the data call, fax call, and voice call is permitted, but the permission data specifies that at least another one of the data call, fax call, and voice call is not permitted.

16. (Original) The system of claim 15, wherein the tone comprises one of an FSK tone, CNG tone, fax answer tone, and fax training tone.

17. (Original) The system of claim 16, wherein the control element is adapted to indicate a voice call in response to not detecting any of the FSK tone, CNG tone, fax answer tone, and fax training tone.

18. (Original) The system of claim 13, wherein the control element comprises software code and a processor on which the software code is executable.

19. (Original) The system of claim 13, wherein the control element comprises firmware and a modem on which the firmware is executable.

20. (Original) The system of claim 13, wherein the control element is adapted to provide a firewall task.

21. (Original) A modem comprising:

a microcontroller to:

receive a request to establish a telephony call;

in response to the request, establish the telephony call;

after establishing the telephony call, detect for an indication of a type of the telephony call; and

determine, based on the indication and permission data relating to a target security level, whether the type of the telephony call is permitted.

22. (Original) The modem of claim 21, wherein detecting for the indication comprises detecting for one of an FSK tone, CNG tone, fax answer tone, and fax training tone.

23. (Original) The modem of claim 21, wherein the microcontroller is adapted to perform the receiving, establishing, detecting, and determining as part of a firewall task.

24. (Previously Presented) The system of claim 13, wherein the permission data indicates types of telephony calls that are permitted and not permitted based on security requirements of the system.

25. (Previously Presented) The modem of claim 21, wherein the permission data indicates types of telephony calls that are permitted and not permitted based on security requirements of a system associated with the modem.

26. (New) The method of claim 1, wherein the permission data permits at least a first type of telephony call but disables at least a second, different type of telephony call.

27. (New) The system of claim 13, wherein the control element determines that a first type of telephony call is not permitted based on the permission data, and a second, different type of telephony call is permitted based on the permission data.

28. (New) The modem of claim 21, wherein the microcontroller determines that a first type of telephony call is permitted based on the permission data, and a second, different type of telephony call is not permitted based on the permission data.